

IN THE SPECIFICATION

Please replace the Eleventh (11th) paragraph beginning on page 3 of the specification. Applicant includes herewith an Attachment for Specification Amendments showing a marked up version of each replacement paragraph.

Previously, attempts have been made to quantify FHR variation by standard statistics (analysis of variance, standard deviation etc) and more sophisticated power spectrum analysis. Several studies have been conducted on spectral analysis of the FHR as a method to quantify changes over time in FHR variation. One such study is discussed in “Quantification of the fetal heart rate variability by spectral analysis of fetal well being and fetal distress”, ~~Akselrod S~~ Sibony O et al, Eur J Obstet Gynecol Reprod Biol 1994; 54; 103-8. However, Spectral analysis requires a continuous and stationary sequence of FHR data and does therefore not lend itself to continuous assessment of FHR during labour, when the FHR tends to be non-stationary. Consequently, these methods have been of little use during labour.